

Preparation of a suitable sand bedding for your retaining walls

This step-by-step plan has been composed to ensure that the deliveries and placements of the retaining walls run smoothly. Steps 1 to 3a must all be carried out before delivery of the elements.

The shown images were made to visualize as many answers as possible on frequently asked questions related to foundations and placement of retaining walls. When your questions are not answered here, please contact us. We are happy to inform you.

Step 1: soil improvement & foundation

To create a good foundation, the soil must be excavated. The depth depends on the quality, the type of substrate and the height of the retaining walls. Consult the user instructions for the exact specifications applicable to your project.

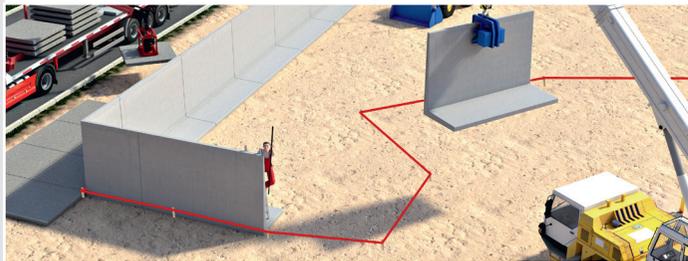


Step 2: finishing the top layer

At the location of the retaining walls, apply 25 cm of crushed concrete and a thin layer of sand of at least 5 cm. This layer of sand must be leveled by means of a laser-controlled grading box. If no crushed concrete is applied (but crusher sand for example), please ask Bosch Beton for advice.

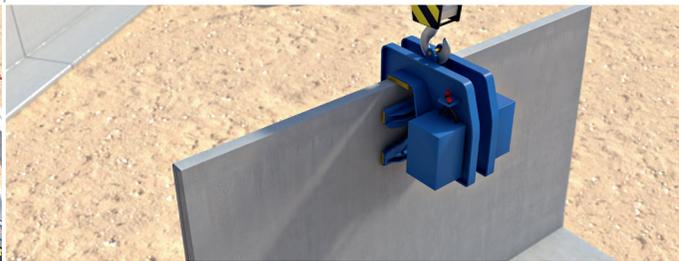
Step 3a: set up a line for delivery from the truck on paved terrain

Set up a line with survey stakes in accordance with your construction drawing. Every 20 meters, stretch a wire no more than 10 cm above the ground and 2 cm from the base of the element. The retaining walls are placed along this line. The driver on duty should be assisted by at least one of your own skilled personnel.



Step 3b: placement with the hoisting clamp in case you take care of the placement

We supply various clamps for placing our retaining walls yourself. Both mechanical (2000-7000 kg) and hydraulic (2000-11000 kg) clamps are available. Placement to be carried out according to the latest clamp (rental) regulations.



Step 4: Coupling slats and optional sealing

Retaining walls are connected by placing a plastic coupling slat in the V-groove. After placement, the retaining walls can be sealed with special sealant. Please enquire about these products.



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